

Recombinant Human GGPS1 protein, His-SUMO-tagged

Cat. No. GGPS1-2957H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GGPS1 protein(O95749)(1-300aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-300aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	50.9 kDa
AA Sequence	MEKTQETVQRILLEPYKYLLQLPGKQVVRTKLSQAFNHWLKVPEDKLQIIIEVTEMLHN ASLLIDDIEDNSKLRRGFPVAHSIYGIPSVINSANYVYFLGLEKVLTDHPDAVKLFTR QLLELHQGGQLDIYWRDNYTCPTEEYKAMVLQKTGGLFGLAVGLMQLFSDYKEDL KPLLNTLGLFFQIRDDYANLHSKEYSENKSFCEDLTEGKFSFPTIHAIWSRPESTQVQ NILRQRTEINIDIKKYCVHYLEDVGSFEYTRNTLKELEAKAYKQIDARGGNPELVALVK HLSKMFKEENE
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
Gene Name	GGPS1 geranylgeranyl diphosphate synthase 1 [Homo sapiens]
Official Symbol	GGPS1
Synonyms	GGPS1; geranylgeranyl diphosphate synthase 1; geranylgeranyl pyrophosphate synthase; GGPPS1; GGPPSase; GGPP synthase; geranyltranstransferase; farnesyltranstransferase; dimethylallyltranstransferase; farnesyl diphosphate synthase; (2E,6E)-farnesyl diphosphate synthase; GGPPS;
Gene ID	9453
mRNA Refseq	NM_001037277
Protein Refseq	NP_001032354
MIM	606982
UniProt ID	O95749